

Using and Searching the Crystallography Open Database (COD)

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Software for accessing COD – Subversion

Free (as in “freedom”) and open source

Revision Control System Subversion:

- Software:
 - Android: [OASVN](#) on F-Droid or GPlay
 - Linux (Ubuntu): <https://subversion.apache.org/>
`sudo apt-get install subversion`
 - Mac: <https://code.google.com/p/svnx/>;
<http://versionsapp.com/> (commercial?)
 - Windows: Tortoise SVN – <http://tortoisesvn.net/>
- Documentation: [Version control with Subversion](#)

Note: experts can use Git as well.

MySQL database client:

- Software:
 - Android: ?
 - Linux (Ubuntu):
<http://packages.ubuntu.com/search?keywords=mysql-client>
`sudo apt-get install mysql-client`
 - Mac, Windows, Linux (Ubuntu): Tortoise SVN –
<http://dev.mysql.com/downloads/workbench/>
`sudo apt-get install mysql-workbench`
- Documentation: [Oracle MySQL documentation](#)

Server-side Web-based MySQL client:

- Software: <http://mywebserver.net/>
- Documentation: <http://mywebserver.net/docs/>

COD tools

Perl Programs for COD

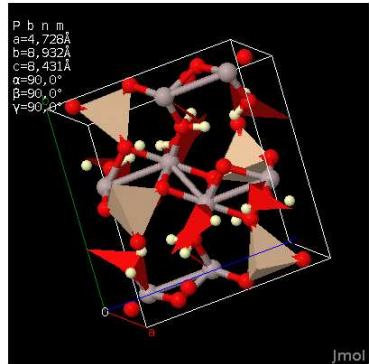
Command line utilities to manipulate CIFs:

- Software: svn://www.crystallography.net/cod-tools
`svn co svn://www.crystallography.net/cod-tools/trunk cod-tools`
- Documentation: Ehhh... for now, just run:
`cif_program --help`

Thank you!



<http://en.wikipedia.org/wiki/Topaz>



Coordinates

[2207377.cif](#)

Original IUCr paper

[HTML](#)

<http://www.crystallography.net/2207377.html>